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3 METHOD FOR POLYMERIZATION OF ELECTRONIC  
4 AND PHOTONIC POLYMERS

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6 ABSTRACT OF THE DISCLOSURE

7 A method for polymerizing electronic and photonic polymers,  
8 wherein an aromatic monomer is combined with a hematin catalyst  
9 derivatized with at least one non-proteinaceous amphipathic group,  
10 and a peroxide initiator, and employing a template, wherein the  
11 aromatic monomer aligns along the template and polymerizes to form  
12 a complex comprising the polymerized monomer and the template.